

Title (en)

Method for making spacers for a flat panel display

Title (de)

Verfahren zur Herstellung von Abstandshaltern für einen flachen Bildschirm

Title (fr)

Procédé de fabrication d'espaces pour écran plat de visualisation

Publication

EP 0884753 A1 19981216 (FR)

Application

EP 98401420 A 19980611

Priority

FR 9707340 A 19970613

Abstract (en)

The spacer manufacture method has transverse sections (32) formed from a central core (33) and lateral reinforcing protrusions (34). The section can be inserted between pixels without touching the pixels because of the length between protrusions and thickness of the protrusions. The decoupling of the structure (30) is obtained along the length required.

IPC 1-7

H01J 9/18; **H01J 29/82**

IPC 8 full level

G09F 9/30 (2006.01); **H01J 5/03** (2006.01); **H01J 9/18** (2006.01); **H01J 9/24** (2006.01); **H01J 29/86** (2006.01); **H01J 29/87** (2006.01); **H01J 31/12** (2006.01)

CPC (source: EP US)

H01J 9/242 (2013.01 - EP US); **H01J 29/864** (2013.01 - EP US); **H01J 31/127** (2013.01 - EP US); **H01J 2329/863** (2013.01 - EP US)

Citation (search report)

- [X] WO 9715912 A1 19970501 - PIXTECH INC [US]
- [PX] EP 0780873 A1 19970625 - MOTOROLA INC [US]
- [A] FR 2704672 A1 19941104 - FUTABA DENSHI KOGYO KK [JP]
- [A] WO 9418694 A1 19940818 - SILICON VIDEO CORP [US]
- [A] WO 9616429 A2 19960530 - SILICON VIDEO CORP [US], et al
- [A] WO 9603764 A1 19960208 - FED CORP [US]
- [A] WO 9618204 A1 19960613 - COLOR PLANAR DISPLAYS INC [US]
- [A] EP 0616354 A2 19940921 - IBM [US]
- [A] US 5503582 A 19960402 - CATHEY JR DAVID A [US], et al

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0884753 A1 19981216; FR 2764729 A1 19981218; JP H1116494 A 19990122; US 5989090 A 19991123

DOCDB simple family (application)

EP 98401420 A 19980611; FR 9707340 A 19970613; JP 15008898 A 19980529; US 8571298 A 19980528